ns-logo.jpg (6203 bytes)

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Gigabit Over Copper LM1000T

Suddenly... Performance Testing That Is Anything But Standard

IXIA Introduces the first Gigabit Over Copper Product to offer Real-Time Latency on a Packet-by-Packet Basis

Load Module

Ixia announces its innovative LM1000T two port Multilayer Gigabit Ethernet Load Module. The introduction of the LM1000T represents the industry's first fully-functional Gigabit Over Copper product to offer Real-Time Latency at full wire speed. With two 1000Base-T RJ45 ports, the LM1000T combines the unparalleled traffic generation capabilities of the existing two port SX, LX and GBIC Load Modules, while providing the highest density, lowest-cost solution for testing the new generation of Ethernet switches, routers, and NICs based on the IEEE 802.3ab 1000Base-T Gigabit Over Copper Standard, which defines Gigabit Ethernet operation over distances of up to 100 meters using four pairs of CAT-5 balanced copper cabling.

With the introduction of the LM1000T, Ixia addresses the demands of emerging applications and high-speed networks that require the lowest latency possible. The LM1000T is capable of testing Real-Time Latency not just at the hardware level, but within the network itself on a packet-by-packet basis. Measurable latencies include Instantaneous Latency, Latency Over Time, and Distributive latency. The capability to perform Real-Time Latency satisfies an urgent requirement for testing Quality of Service, Voice over IP, and other latency sensitive applications.

Ixia is a member of the Gigabit Ethernet Alliance, founded in May , 1996, which an open forum whose purpose is to promote industry cooperation in the development of Gigabit Ethernet. Our industry-wide reputation for creating feature-rich testing solutions targeted at today's burgeoning Internet arena is further enhanced by the robust capabilities of the LM1000T, which includes 4MB of wire-speed data capture and decode, packet capture and replay, ARP & PING generation and response, multilayer traffic generation, and a wide range of other features.

Additionally, the unique hardware architecture of the LM1000T lets users easily switch between available 1000Base-T PHYs for interoperability testing. Each LM1000T incorporates one field-replaceable unit (FRU) per port. Unlike other solutions that rely on PHYs that cannot be removed, the FRU on each port may easily be swapped out and replaced with another FRU incorporating a PHY from a different chip manufacturer. In this way, the LM1000T provides remarkable flexibility, which reduces operating and configuration costs while increasing the range of testing available.

Availability: Shipping now Pricing: LM1000T Load Module $14,950.00

About Ixia Communications

Ixia Communications, located in Calabasas, California, was founded by Errol Ginsberg in 1997 and is funded with private Venture Capital. Ixia Communications delivers powerful platforms for testing and verifying today's advanced LAN and WAN networking equipment. Our products are distinguished by their accuracy and reliability, high port density, diversity of support for emerging, high-speed interfaces and protocol standards, as well as their adaptability to the industry's constant evolution. For more information, contact Ixia at 4505 Las Virgenes Road, Suite 209, Calabasas, CA 91302; (818) 871-1800, FAX (818) 871-1805; Email: info@ixiacom.com or on the Internet at http://web.archive.org/web/19991012182802/http://www.ixiacom.com/

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